

**MEETING SUMMARY, FORMER NANSEMOND ORDNANCE DEPOT (FNOD)
RESTORATION ADVISORY BOARD (RAB)**

To: RAB Members, Interested Parties
From: Adriane James, U.S. Army Corps Government Co-Chair
Sandra Chaloux, CEC, Inc., RAB Facilitator
Re: February 5, 2004 RAB Meeting Summary

RAB Members Present: Fred Copeland Russ Dudley Tim Fink Adriane James Bruce Johnson Thomas O’Grady Marian “Bea” Rogers David Saunders Rob Thomson Cherie Walton David Wigle	Affiliation: GE VDOT TCC USACE, Gov’t. Co-Chair Respass Beach City of Suffolk Community Co-Chair Bennett’s Creek EPA Reactivities Management Corporation USACE FNOD Project Manager
RAB Facilitator Present: Sandra Chaloux	CEC, Inc.
RAB Members Absent: Debbie Miller Carl Serrette	VDEQ Burbage Grant

7:05 p.m. **Introduction and Welcome/Call to Order**

(Sandra Chaloux – CEC, Inc.)

The meeting was called to order. RAB members and guests then introduced themselves. No corrections were noted for the December 2003 RAB meeting summary.

7:30 p.m. **Army Corps Update** *(David Wigle & Cheryl Fromme-USACE)*

David Wigle began by discussing the handouts he provided the RAB including: the RAB presentation, the updated Property Owner Map, the new FNOD Site Map, the Glossary of Terms, a Operable Unit Planner chart of the sites and areas of concern that have been identified, and copies of the draft Site Management Plan.

New Aerial Photo and Maps

David presented the new Site Map that is also posted on the project web site along with an aerial photo/map showing all the property owners. David said that he hoped to have CDs containing project data with different layers and historical aerial photos for each RAB member at the next RAB meeting.

Offshore Area

David provided a recap on this study and public meeting. The effort consisted of an Environmental Characterization Study, Human Health Risk Assessment, and Baseline Ecological Risk Assessment. The findings of the study: FNOD Contaminants of Concern were not found in offshore river sediments in concentrations that pose a threat to human health or the environment. The Proposed Plan for the Offshore Area is no further action. A public comment period ran from December 4, 2003 until January 4, 2004. No comments were received. The

Corps has submitted an outline for the Record of Decision document to EPA for review. David said that he hoped that the Record of Decision would be available in the next month or two.

Land Use Control Implementation Plan

The Corps forwarded a Memorandum of Agreement to the City of Suffolk on December 15 for review. The Corps hopes to have this agreement signed by April 30, 2004. The purpose of the agreement is to allow the Corps the opportunity to review and comment on rezoning issues (especially new residential development plans) for sites where ordnance has been found and removed on former depot property. The Corps has also forwarded draft Land Use Control agreements to several property owners such as TCC, Dominion Lands, Bridgeway LP, and GE and will be having an initial meeting with them at the end of this month to go over the draft agreements. David reviewed Bridgeway LPs revised Redevelopment Plan for a parcel adjacent to the former Impregnite Kit area. The new revised residential development plan shows no residential within prior OE investigation grids on the former Dominion Lands property. Rick pointed out that the Corps' confidence level with the removal at this site is very high. The ordnance that was found and removed there was on the surface, was kicked out from the adjacent site, and was pretty benign. Bea asked if Bridgeway was planning to put a playground in that area. Rick said that Bridgeway LP indicated that they were not going to develop it at all. Rick said that the Corps has asked Bridgeway LP in their draft Land Use Agreement to restrict this parcel from residential and residential-like uses such as day care centers. Should Bridgeway LP ask for a rezoning of the parcel, the Corps' Agreement with the City provides the Corps the opportunity to comment on the proposed rezoning. This requirement will apply to all the known OE investigation areas within the former depot boundary.

OE Removal Update

David presented the OE investigation grid map for the GE Main Burning Ground area. He showed the RAB the grids where there is so much debris that the OE team is proposing to work up to the grids and around them but not into the construction debris. He asked the RAB members' opinion of that. Rick pointed out that the grids are not likely to contain ordnance because they contain construction debris from GE. The OE team did sample the grid to verify that it contains the construction debris. The Corps will then provide safety instructions to future landowners when they plan to develop that site. David showed the location of the grid where the WWII gas mask filters were found and said that the Corps is testing them now for disposal purposes.

In the last 2 months, the Corps found 5 OE items at the Main Burning Ground (3 adapter boosters, one 60mm Mortar with fuze, one 40 mm Projectile, and 29 pounds of ordnance scrap). In addition, the Corps found four empty 6-inch Stokes mortars on February 4 behind the Beazley Building on TCC property along the James River Beachfront. They were explosively perforated to prove that they were empty.

Project Budget – Approximately \$4,249,500 has been allocated for the FNOD project for 2004 including \$2,440,000 for ordnance removal efforts, and \$1,809,500 for other environmental investigations. The Corps has awarded approximately \$2.8 million in contracts so far this year.

What's Next?/FY04 Project Priorities– The Corps has the following investigations planned for this year:

- TNT Area – Human Health Risk Assessment (HHRA), Baseline Ecological Risk Assessment (BERA)
- Horseshoe Pond – BERA Field Investigation to begin in March
- Main Burning Ground – Continue OE removal efforts
- Pesticide Storage Area – Site Investigation –sampling will begin next week
- Track K Tire Pile and Paint Can area – Site Investigation & HHRA

- Marine Corps Power Generation Plant – Site Investigation
- NRB and WWTP- Site Investigation
- Group B Areas of Concerns (AOCs) east of TCC Lake and west of I- 664 - Site Screening

ATSDR Update - The public comment period ended on January 20, 2004. ATSDR's report recommended: continuing soil clean-up activities, addressing physical hazards, following ordnance clearance procedures, and educating potential landowners and occupants about possible hazards. The Corps is addressing all the recommendations through removal activities, site investigations, establishment of land use controls, and coordination with property owners and stakeholders. ATSDR's final report will be out by the end of the month. Rick followed up on the issue of Lead at the TNT area and James River Beachfront, which was presented by ATSDR at the prior meeting. The Corps knows it has a problem with Lead in the TNT area. This was no surprise. The action level for Lead is 400 ppm. The Corps has temporarily put a cover over the contaminated soil in the TNT area until it can complete their investigation of the site. However in reviewing Lead at the James River Beachfront, only one of thirteen samples taken on the bank and considered by ATSDR exceeded the action level at 600 ppm. Cheryl pointed out that this soil is under the revetment now. ATSDR's evaluation was also based on two hits of Lead from 23 samples on the top of the bluff –both just over the action level around 450 ppm. Rick said that the Corps believes that when the Corps conducts a risk analysis of the beachfront as a whole, the site will not be restricted. ATSDR did what they were supposed to which is to evaluate worst-case scenarios and bring it to the Corps' attention so that the Corps can analyze it further. David also said that the question that David Saunders raised at the last meeting about potential health risks of exposure from water taken from shallow wells used for wading pools or gardening will be addressed in ATSDR's final report.

TNT Area – The Corps installed the interim cover in January. The cover consists of a geofabric and 6 inches of topsoil. The topsoil will be seeded in the Spring. The Corps has awarded the contracts for the Human Health Risk Assessment and Baseline Ecological Risk Assessment. Cheryl said that the Corps will be evaluating both current and future scenarios including residential use, workers, trespassers, and recreational use for children and adults. The Corps is currently reviewing the work plan for the Risk Assessment and will submit it to EPA. She said that Sandra will also look at it and assist with disseminating it to the RAB members for review. David showed the RAB some photos of the cover being installed.

James River Beachfront Revetment Maintenance – David showed some photos of the revetment maintenance effort that was completed by IMS (Corps' contractor) on January 29 and 30 and February 5 and 6 on the James River Beachfront.

Groundwater Model – The Corps is in the process of replacing some staff gauges in the river (both James River and Nansemond River). The Corps needs to complete 2 more seasons of sampling events before the EPA will review the sitewide groundwater model. Cheryl said that the Corps is already using the model for reviewing individual Areas of Concern. Cheryl showed a site map generated from the model that illustrated the movement patterns of particles in the Columbia Aquifer (shallow groundwater aquifer). Rick pointed out that particles in the shallow aquifer are moving north toward the river (not south toward the community). Particle movement in the shallow aquifer is very slow. It would take years for contaminants to travel from the TNT area to the James River.

Site Tour – The Corps will be hosting a site tour from 10 a.m until 12:30 p.m. tomorrow (Feb. 6). Participants will see the Nansemond River beachfront, GE Pond, Main Burning Ground Area, the Piers, the TNT area, TCC Triangle Area (Pesticide Drum area, Tire Pile/Paint Can area), and the James River beachfront.

RAB Business

Adriane told the RAB that the Corps had received a resignation from Carl Serrette in Burbage Grant. Bea suggested that Sandra contact the Burbage Grant Homeowners association to see if they have a representative to participate on the RAB. Dominion Lands – Jerry Moore has been designated as the new point of contact for Dominion Lands. Sandra said that she had tried to encourage him to attend the RAB meetings and reported that Dominion Lands does not have an interest in participating on the RAB but wanted to stay abreast of the Corps' activities – particularly since the Corps is working on the Horseshoe Pond area. The Corps has identified a new contact (Richard "Buck" Marr) who may participate on the RAB for Lockheed Martin (new property owner at FNOD). He was not able to make this meeting but will hopefully be able to participate in the next one.

Landowner Updates

GE – None

VDOT - None

TCC- None

Bridgeway LP – The new development plan respects the buffer areas recommended by the Corps. The landowner may consider participating on the RAB.

Issues & Concerns that need to be addressed

Bea thanked the Corps for the new Glossary of Terms. Bea welcomed Ken Hafner back (former FNOD project manager). Bea asked Rick about the Ordnance Safety brochure. Rick said that a draft of it has been given to the City as part of the Memorandum of Agreement. The brochure will be given to landowners, occupants, future owners, and the RAB members. Rick said that the Corps still needs to add a scale to the photos. Action Item: Send copy of brochure to the RAB members before the next RAB meeting.

City Update

Tom reported that the City has received new plans for a site outside of the FNOD boundaries just southwest of SYSCO property on Harbourview Boulevard. The project is part of the overall Bridgeway Commerce Park development, and will include a 130,000 square-foot office warehouse distribution center on a 10-12 acre parcel.

7:55 p.m.

Public Comment Period / Q&A

none

Establish Action Items/Set Agenda and Date for Next RAB Meeting

The next RAB meeting was set for April 1, 2004. The meeting will be held at the Bon Secours Health Center at Harbour View at 7:00 p.m. The meeting room is on the second floor.

Agenda items for the next RAB meeting:

- Pesticide Drum Area Update and Action Plan
- TNT Area update
- OE Removal update
- Gas Mask Filters testing update

Action items:

- Corps to bring new Project Data CDs
- Sandra to review and disseminate HHRA work plan or summary to RAB members
- Sandra to contact Burbage Grant Homeowner's Association about new rep
- Sandra to mail copies of Ordnance Safety brochures to RAB

8:00 p.m.

Meeting Adjourned

Others Present:	Affiliation:
Gerald Rogers	USACE Public Affairs, Norfolk District
Rick Aiken	J.M. Waller & Associates
Cheryl Fromme	USACE-Norfolk District
Harry Wheeler, Jr.	Tech Law, Inc.
Bill Hudson	EPA, Community Involvement Coordinator
Pat Genzler	Virginia Community College System
Kevin Mattonen	Suffolk Resident
Cliff Walden	Zapata Engineering
Aaron Milliken	East West Partners/Riverfront
Ken Hafner	Community
Joe Ferris	A.H. Environmental
Kim Tayloe	Weston Solutions, Inc.
Cliff Opdyke	USACE, Baltimore District
Debra Ford	USACE, Baltimore District